



PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete If Known</b>	
		Application Number	09/589,288
		Filing Date	June 8, 2000
		First Named Inventor	Guo-Liang Yu
		Art Unit	1647
Examiner Name	B.E. Bunner		
Attorney Docket Number	PF343P3C7		
Sheet	1	of	5

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BBB	J1	US2002/0037852 A1	03-28-2002	Browning et al.	
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	J19	09/226,533	NA	Gross, J., et al.	
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BBB	J21	5,595,721	01-21-1997	Kaminski et al.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
BBB	J22	WO99/35170 A2	07-15-1999	Genentech, Inc.		
	J23	WO01/87977 A3	11-22-2001	Amgen, Inc.		
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	J30	EP 1 146 892 B1	08-20-2003	Biogen, Inc., Apoxis SA		
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BBB	J35	WO02/066516 A3	08-29-2002	ZymoGenetics, Inc.		

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(Use as many sheets as necessary)

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BBB	J36	EP 9828628.9	NA	Glaxo Group Ltd.		

NON PATENT LITERATURE DOCUMENTS						
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BEB	J37	Human Genome Sciences' opposition of EP Patent No 1 146 892 B1 including Annex A. Filed in the European Patent Office on September 19, 2005.				
BEB	J38	Serono International SA's opposition of EP Patent No 1 146 892 B1 with Annexes I and II. Filed in the European Patent Office on August 24, 2005				
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BBB	J56	HYMOWITZ, ET AL., "Structures of APRIL-receptor complexes: like BCMA, TACI employs only a single cysteine-rich domain for high affinity ligand binding" <i>The Journal of Biological Chemistry</i> , 280:7218-7227, (2005), with Tables S1-S4 and Fig. S1 as published in the online version of this article available at <a href="http://www.jbc.org">http://www.jbc.org</a> .			
BBB	J57	Sequence alignment of "Prosite" sequence (D1) and SEQ ID NO: 10 of EP 1 141 274 B1.			
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				Attorney Docket Number	PF343P3C7
Sheet	5	of	5		

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BBB	J98	Molecular Biology of the Cell, Second Edition, edited by Alberts et al., Garland Publishing, Inc., New York, pp. 117-118. (1989).		
BBB	J99	MARIETTE ET AL., "The Level of BLyS (BAFF) Correlates With the Titre of Autoantibodies in Human Sjogren's Syndrome" <i>Annual Rheumatology Discussion</i> , 62:168-171. (2003).		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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Sheet 1 of 1 Attorney Docket Number PF343P325

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	D1	Baker et al., "Generation and Characterization of LymphoStat-B, a Human Monoclonal Antibody That Antagonizes the Bioactivities of B <sup>1</sup> Lymphocyte Stimulator," <i>Arthritis &amp; Rheumatism</i> , 48(11):3253-3265 (Nov. 2003).	
	D2	Furie, R. et al., "Safety, Pharmacokinetic and Pharmacodynamic Results of a Phase 1 Single and Double Dose Escalation Study of LymphoStat-B (Human Monoclonal Antibody to BLYS) in SLE Patients." 67th Annual American College of Rheumatology Scientific Meeting, October 23-28, 2003, Orlando, Florida.	

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		Application Number	09/589,288-Conf. #1519
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Filing Date	June 8, 2000
		First Named Inventor	Guo-Liang Yu
		Art Unit	1647
		Examiner Name	B. E. Bunner
		Attorney Docket Number	PF343P3C5
Sheet	1	of	1

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	E1	6,869,605	03-22-2005	Browning et al.	
	E2	6,875,846	04-05-2005	Rennert et al.	

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	E3	Biogen Inc. and Apoxis SA's Response (including Annexes A and B and the Main Request containing a substitute set of claims) to Human Genome Sciences and Serono's Oppositions of EP Patent No. 1146892. The Response was filed in the European Patent Office on March 14, 2005.		

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Sheet	1	of	1	Attorney Docket Number	PF343P305
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**Complete if Known**

Application Number	09/589,288-Conf. #1519
Filing Date	June 8, 2000
First Named Inventor	Guo-Liang Yu
Art Unit	1647
Examiner Name	B. E. Bunner

**U.S. PATENT DOCUMENTS**

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		Country Code <sup>4</sup> -Number <sup>4</sup> -Kind Code <sup>4</sup> (if known)				
	F1	WO-00/58362	10-05-2000	HUMAN GENOME SCIENCES, INC.		

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	F2	WPI/DERWENT Accession No. 2000-572093.	
	F3	Supplementary Partial European Search Report, European Application No. EP 00 90 8739, mailed June 30, 2005.	

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		Filing Date	June 8, 2000
		First Named Inventor	Guo-Liang Yu
		Art Unit	1647
		Examiner Name	B. E. Bunner
Sheet 1 of 1	Attorney Docket Number	PF343P3C5	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

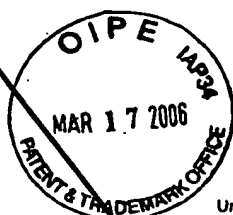
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	G1	ZymoGenetics' Observations in Reply (158 pages) to Oppositions of EP Patent No. 1141274 lodged by Corixa Corporation, Human Genome Sciences, Inc., Genentech, Inc., and Biogen Idec, Inc. The Observations in Reply was filed in the European Patent Office on June 7, 2005.		
	G2	STOHL, W., "A therapeutic role for BLyS antagonists," <i>Lupus</i> , 13:317-322 (2004).		
	G3	NOVAK et al., "Expression of BLyS and its receptors in B-cell non-Hodgkin lymphoma: correlation with disease activity and patient outcome," <i>Blood</i> , 104(8):2247-2253 (2004).		
	G4	European Search Report, European Application No. EP 05 01 2261, mailed August 8, 2005.		

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Filing Date	June 8, 2000
		First Named Inventor	Guo-Liang Yu
		Art Unit	1647
		Examiner Name	B. E. Bunner
		Attorney Docket Number	PF343P3C5
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	11	WO-02/18620	03-07-2002	Human Genome Sciences, Inc.		

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	12	SCHALLER et al., "Characterization of <i>apxIVA</i> , a new RTX determinant of <i>Actinobacillus pleuropneumoniae</i> ," <i>Microbiology</i> , 145:2105-2116 (1999).			
	13	CHEN et al., "Expression vectors for affinity purification and radiolabeling of proteins using <i>Escherichia coli</i> as host," <i>Gene</i> , 139:73-75 (1994).			
	14	Supplementary European Search Report, European Application No. 02 78 6413, mailed December 20, 2005.			
	15	Human Genome Sciences, Inc.'s Reply filed in the European Patent Office on November 4, 2005 in conjunction with its Opposition of EP Patent No. 1141274 and copies of supporting documents D41-D43.			

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				Filing Date	June 8, 2000
				First Named Inventor	Guo-Liang Yu
				Art Unit	1647
				Examiner Name	B. Bunner
Sheet	1	of	1	Attorney Docket Number	PF343P3C5

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BBB	C1	Waldmann, TA, "Immunotherapy: Past, Present and Future," Nature Medicine 9:269-277, (2003).				
	C2	Janeway, C. & P. Travers. (1994) Immunobiology: The Immune System in Health and Disease, (Current Biology Ltd./Garland Publishing, London), pp 1:15, 1:16 and 11:19.				
	C3	Weinblatt, ME et al., Methotrexate in rheumatoid arthritis. A five-year prospective multicenter study. Arthritis and Rheumatism. (1994) 37:1492-1498.				
	C4	Wise, CM et al., Methotrexate in nonrenal lupus and undifferentiated connective tissue disease - a review of 36 patients. The Journal of Rheumatology. (1996) 23:1005-1010.				
	C5	Brazelton, TR and RE Morris. Molecular mechanism of action of new xenobiotic immunosuppressive drugs: tacrolimus (FK506), sirolimus (rapamycin), mycophenolate mofetil and leflunomide. Current Opinion in Immunology. (1996) 8:710-720.				
	C6	Goldblum, R. Therapy of rheumatoid arthritis with mycophenolate mofetil. Clinical and Experimental Rheumatology. (1993) 11 suppl 8:S117-119.				
	C7	Ciruelo, E et al., Cumulative rate of relapse of lupus nephritis after successful treatment with cyclophosphamide. Arthritis and Rheumatism. (1996) 39:2028-2034.				
	C8	Huard, et al., T cell costimulation by the TNF ligand BAFF. The Journal of Immunology. (2001) 167(11):6225-31.				
	C9	Kayagaki, N et al., BAFF/BLyS receptor 3 binds the B cell survival factor BAFF ligand through a discrete surface loop and promotes processing of NF-kappaB2. Immunity (2002) 10:515-24.				
BBB	C10	Abbas et al., Cellular and Molecular Immunology (W.B. Saunders Company: Philadelphia) 1991, pp. 362 and 365.				

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Sheet	1	of	1	Attorney Docket Number	PF343P3C5

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BEB	D1	Baker et al., "Generation and Characterization of LymphoStat-B, a Human Monoclonal Antibody That Antagonizes the Bioactivities of B Lymphocyte Stimulator," <i>Arthritis &amp; Rheumatism</i> , 48(11):3253-3265 (Nov. 2003).			
BEB	D2	Furie, R. et al., "Safety, Pharmacokinetic and Pharmacodynamic Results of a Phase 1 Single and Double Dose-Escalation Study of LymphoStat-B (Human Monoclonal Antibody to BLyS) in SLE Patients." 67th Annual American College of Rheumatology Scientific Meeting, October 23-28, 2003, Orlando, Florida.			

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BBB	E2	6,875,846	04-05-2005	Rennert et al.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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NON PATENT LITERATURE DOCUMENTS			
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BBB	E3	Biogen Inc. and Apoxis SA's Response (including Annexes A and B and the Main Request containing a substitute set of claims) to Human Genome Sciences and Serono's Oppositions of EP Patent No. 1146892. The Response was filed in the European Patent Office on March 14, 2005.	

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				Application Number	09/589,288-Conf. #1519
				Filing Date	June 8, 2000
				First Named Inventor	Guo-Liang Yu
				Art Unit	1647
				Examiner Name	B. E. Bunner
Sheet	1	of	1	Attorney Docket Number	PF343P3C5

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BEB	F1	WO-00/58362	10-05-2000	HUMAN GENOME SCIENCES, INC.		

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BEB	F2	WPI/DERWENT Accession No. 2000-572093.		
BEB	F3	Supplementary Partial European Search Report, European Application No. EP 00 90 8739, mailed June 30, 2005.		

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	09/589,288-Conf. #1519	
			Filing Date	June 8, 2000	
			First Named Inventor	Guo-Liang Yu	
			Art Unit	1647	
			Examiner Name	B. E. Bunner	
Sheet	1	of	1	Attorney Docket Number	PF343P3C5

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					

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BBB	G1	ZymoGenetics' Observations in Reply (158 pages) to Oppositions of EP Patent No. 1141274 lodged by Corixa Corporation, Human Genome Sciences, Inc., Genentech, Inc., and Biogen Idec, Inc. The Observations in Reply was filed in the European Patent Office on June 7, 2005.		
BBB	G2	STOHL, W., "A therapeutic role for BLYS antagonists," <i>Lupus</i> , 13:317-322 (2004).		
BBB	G3	NOVAK et al., "Expression of BLYS and its receptors in B-cell non-Hodgkin lymphoma: correlation with disease activity and patient outcome," <i>Blood</i> , 104(8):2247-2253 (2004).		
BBB	G4	European Search Report, European Application No. EP 05 01 2261, mailed August 8, 2005.		

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				Application Number	09/589,288-Conf. #1519
				Filing Date	June 8, 2000
				First Named Inventor	Guo-Liang Yu
				Art Unit	1647
				Examiner Name	B. E. Bunner
Sheet	1	of	1	Attorney Docket Number	PF343P3C5

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

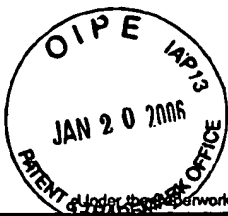
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BEB	H1	Serono International SA's Reply filed in the European Patent Office on August 24, 2005 in conjunction with its Opposition of EP Patent No. 1146892.			

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			Application Number	09/589,288-Conf. #1519	
			Filing Date	June 8, 2000	
			First Named Inventor	Guo-Liang Yu	
			Art Unit	1647	
			Examiner Name	B. E. Bunner	
Sheet	1	of	1	Attorney Docket Number	PF343P3C5

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
BBB	11	WO-02/18620	03-07-2002	Human Genome Sciences, Inc.		

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BBB	12	SCHALLER et al., "Characterization of <i>apxIVA</i> , a new RTX determinant of <i>Actinobacillus pleuropneumoniae</i> ," <i>Microbiology</i> , 145:2105-2116 (1999).		
	13	CHEN et al., "Expression vectors for affinity purification and radiolabeling of proteins using <i>Escherichia coli</i> as host," <i>Gene</i> , 139:73-75 (1994).		
	14	Supplementary European Search Report, European Application No. 02 78 6413, mailed December 20, 2005.		
BBB	15	Human Genome Sciences, Inc.'s Reply filed in the European Patent Office on November 4, 2005 in conjunction with its Opposition of EP Patent No. 1141274 and copies of supporting documents D41-D43.		

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				Application Number	09/589,288
				Filing Date	June 8, 2000
				First Named Inventor	Guo-Liang Yu
				Art Unit	1647
				Examiner Name	B.E. Bunner
Sheet	1	of	1	Attorney Docket Number	PF343P3C5

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BEB	L1	ZymoGenetics' opposition of EP Patent No 0 939 804 including copies of supporting documents D1-D27. Filed in the European Patent Office on May 17, 2006.		
BEB	L2	Serono International SA's opposition of EP Patent No 0 939 804 including copies of supporting documents D1-D17. Filed in the European Patent Office on May 17, 2006.		
BEB	L3	Eli Lilly and Company's opposition of EP Patent No 0 939 804 including copies of supporting documents D1-D16. Filed in the European Patent Office on May 17, 2006.		

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